



Technical Data Sheet

Zwaluw® Clearfix

High quality hybrid transparent adhesive.



Product Description

Zwaluw Clearfix is a high quality, professional adhesive based on hybrid technology which cures under influence of humidity to form a durable elastic rubber.

Benefits

- Durable, permanent elastic.
- Universal bonding for interior use.
- Fast curing.
- Wet in wet applicable.
- Free of isocyanates, solvents and silicones.
- No shrinkage and bubble free.
- Good resistant to water.
- Adheres perfectly without primer on most, even damp, surfaces.
- Neutral curing, almost odourless.
- Sandable and grindable after fully cured.
- Non corrosive to metals.
- High mechanical resistance strength and E-modulus.
- Absorbs acoustical and mechanical vibrations.

Applications

Zwaluw Clearfix is specially developed as a universal construction adhesive for interior use for the metal, synthetic, concrete, wood and carpenter industry such as: car, caravan, camper, trailer, marine, machinery, HVAC, steel, window-frame, furniture, interior, stand, unit, sandwich panels, road and bridge construction etc.

Directions Of Use

Apply adhesive in a 'ventilating' way in vertical stripes with 10-20 cm distance in between. Do not apply the adhesive in dots! The use of two sided adhesive tape, 3 mm thick is recommended to support the adhesion during the first 24 hours and to make sure that the thickness of the adhesive is right. For further question please contact our technical service.

Technical specifications

100% Modulus	N/mm ²	1,15 MPa
Application Rate	g/min @3mm/4 bar	140
Application Temperature		+5°C till +40°C
Base		Hybrid
Curing Time		± 2-3 mm/24 hours
Density		1,06 g/ml
Elongation at Break		250%
Flow	ISO 7390	< 2 mm
Frost Resistance during transportation		Till -15°C
Shore-A hardness	DIN 53505	45 Shore A
Skin Formation	@23°C/55% RH	10 min
Temperature Resistance		-40°C till +90°C
Tensile Strength	N/mm ²	2,40 MPa

Limitations

- Discoloration can occur in dark places and by contact with chemicals.
- Not suitable for movement joints.
- Not suitable for glazing joints, natural stone and mirrors



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- Not suitable in combination with chlorides (pools).
- Not suitable for PE, PP, PTFE, neoprene and bituminous surfaces.
- Not suitable for continuous water load.

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Health & Safety

Product Health and Safety Data Sheet must be read and understood before use. These are available on request and via the Den Braven websites.

Warranty & Guarantee

Den Braven warrants that its product complies, within its shelf life, to its specification.

Surface Preparations and Finishing

Application temperature +5°C to +40°C (environment and substrate). Surfaces must be dry, clean and solid. Clean surfaces with Zwaluw Cleaner. Zwaluw Clearfix adheres perfectly without the use of a primer to most non porous substrates. Porous surfaces to be pre-treated with Zwaluw Primer B1. Always test adhesion prior to application. Use Zwaluw Finisher to smooth the joint.

Paintability

Zwaluw Clearfix is perfectly paintable with water based and most 2 component paints. Synthetic paints can dry slower. It is recommended to test compatibility with paint prior to application. When Zwaluw Clearfix will be painted over (not necessary) we recommend to sand the sealant and junction surfaces by means of Scotch-Brite. For an optimal result we recommend to paint within a few days after application.

Cleaning

Uncured material and tools can be cleaned by using Zwaluw Cleaner. Cured material can only be mechanically removed. Hands can be cleaned with Zwaluw Wipes.

Colour(s)

- Translucent

Packaging

- Sausage 600 ml
- Cartridge 290ml/307G

Shelf Life

In unopened original packaging between +5°C and +25°C, shelflife till 12 months after production date, stored in a dry place.

Certifications

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